

PTO/SB/08A (09-03)

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Substitute for form 144B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/605,117
Filing Date	09/09/2003
First Named Inventor	James D. Zimmerlee
Art Unit	3671
Examiner Name	Unknown
Attorney Docket Number	069842-0004

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AYG		US- 6,449,791 B1	09/17/2002	Vodicka, Dennis A.	
		US- 4,282,619	08/11/1981	Rooney, Craig E.	
		US- 4,648,379	03/03/1987	Muller, Jean M.	
		US- 6,381,793	05/07/2002	Doyle, John J. et al	
		US- 6,170,105	01/09/2001	Doyle, John J. et al	
		US- 5,755,981	05/26/1998	Payne, Jim H.	
		US- 5,570,486	11/05/1996	Wiedeck, HansNorbert	
		US- 6,048,640	09/17/1991	McConville, James J.	
		US- 4,450,121	05/22/1984	Bequette, Noah L.	
		US- 4,309,125	01/05/1982	Richardson, George S	
AYG		US- 00/829,269-2002/0045172	04/18/2002	Sturm, Albert J., Jr	
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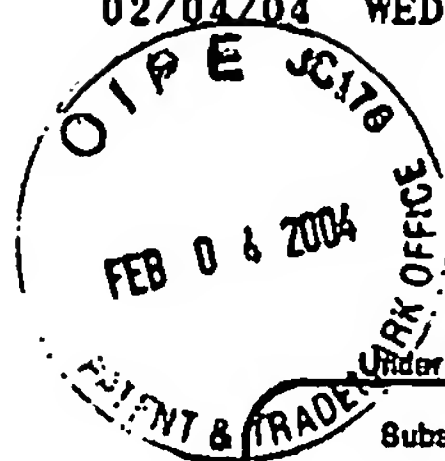
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AYG		JP 9-281269/A	10/31/1997	Yamakawa, Toshi		✓
✓		EP 00420085	10/18/2000	Master K		✓
✓		00164936/EP B1	04/15/1992	Parramore et al		✓
✓		JP 10320353	05/26/2000	PS Corp.		✓
✓		JP 10147006	12/07/1999	Taisei Corp.		✓
✓		JP 08043180	09/09/1997	Japan Steel		✓

Examiner Signature	Alexander L. Pichold	Date Considered	9/13/04
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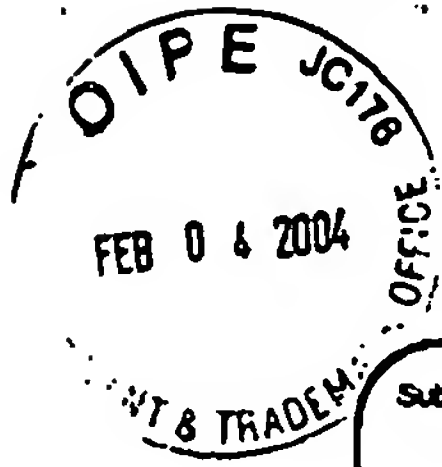
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		Country Code <sup>3</sup> Number <sup>4</sup> Word Code <sup>5</sup> (if known)				
126		JP 07191118	01/14/1997	Kawasaki Heavy		✓
126		JP 07197858	01/14/1997	Tsuchie Mamoru		✓

9/13/07

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PTO/SB/089 (08-03)

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/605,117
		Filing Date	09/09/2003
		First Named Inventor	James D. Zimmerlee
		Art Unit	3671
		Examiner Name	Unknown
Sheet 3	of 4	Attorney Docket Number	069842-0004

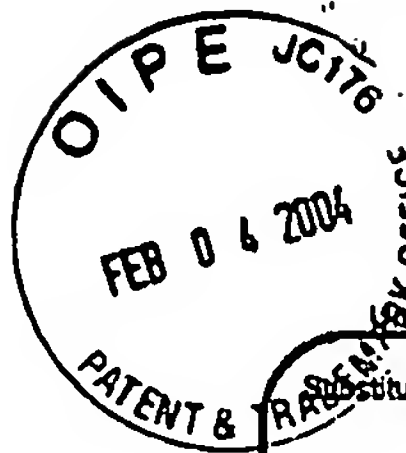
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AKB		JACOBS, G.W., Improvement of the Suspension Monorail in Wuppertal Germany, Praktiker, Sept. 2002, pp. 316-318, Germany.	✓
		ZAHN, F.A.; FONTANA, M., Innovative Composite Construction, Schweiz, Ing. Archit., June 15, 1995, pp. 4-11, Jauslin & Stebler Ingenieure; ETH Honggerberg, Switzerland.	✓
		NO AUTHOR, Body Structure Thing, Titaniumcrud Light Steel Board, The First Adoption, Zairyo To Kankyo, July 15, 1999, p. 457, Vol. 48 No. 7, Japan.	✓
	✓	YAMAGUCHI, Y.; TOMITA, M.; NISHIDA, T.; SAKAI, H., Design of the Okuyama Bridge, Puresutoresuto Konkū, March 31, 1997, pp. 85-92, Vol. 39 No. 2, Hanshin Expressway Pub, Japan.	✓
	✓	ALTABBA, BASHAR, Re-creating the Rainbow Bridge, Civil Engineering, 2000, pp. 32-37, Vol. 70 No. 5, HNTB, Boston, MA.	✓
	✓	MILKOVICH, SCOTT; HARIK, ISSAM E.; BRAILSFORD, BRUCE, Composite Materials for Bridges, Construction Specifier, May 1996, pp. 102-106, Vol. 49 No. 5, USA.	✓
	✓	GUDMESTAD, O.T.; WARLAND, T.A., Optimum Use of Concrete Structures et al., Proc. Int. Meet. Pet. Eng., 1992, pp. 457-470, Soc. of Petroleum Engineers of AIME, Richardson, TX.	✓
	✓	ANON, Prestressed Concrete Beams for the New Teifi Bridge, Concrete Plant and Production, May 1991, pp. 175-76.	✓
✓		NO AUTHOR, Building Tougher Bridges, Metal Bulletin Monthly, Aug. 2002, p. 61, United Kingdom.	✓
AKB		BLACK, S., A Survey of Composite Bridges, Composites Technology, Mar.-Apr. 2000, pp. 14-18, USA.	✓

Examiner Signature	<i>Alexandra L. Seibold</i>	Date Considered	9/13/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		First Named Inventor	James D. Zimmerlee
		Art Unit	3871
		Examiner Name	Unknown
Sheet 4	of 4	Attorney Docket Number	069842-0004

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JAC		NO AUTHOR, Composite Bridge Construction Increases, Adv. Compos. Bull., Mar. 1995, pp. 6-7, United Kingdom.	✓
ASB		NO AUTHOR, Composite Road Bridge, Adv. Comp. Bulletin, Sept. 1997, p. 8, United Kingdom.	✓

Examiner Signature	<i>Alexandra Pell</i>	Date Considered	9/13/04
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